

DO 1911 Alu_1 (presence allele):

```

5 GGGGTTGGATTGTATTATTAGGTAAGGAATATGTGCTGCTTAGCAAATGAACCTGAAAATCTTTATAGGGCCGGCGCGGTGGCTCACGCCCTGTAATCCCAGCAC
0 ++++++-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
0 .
0 .
0 AACGGTGAACCCCCGTCTACTAAAAATACAAAAAATTAGCCGGGCGTAGTGGCGGGCGCTGTAGTCCCAGCTACTTGGAGGCTGAGGCAGGAGAATGGGTGAAC
0 ++++++-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
0 .
0 .
0 AGCGAGACTCCGTCTCAAAAAAAAAAAAGAAAAAATCTTTATAAGTCTGGAGTCAGGACTGGC
0 ++++++-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
0 .
0 .

```

170 340 408

DO 3750 Alu_1 (presence allele):

```

5 GGGGTTGGATTGTATTATTAGGTAAGGAATATGTGCTGCTTAGCAAATGAACCTGAAAATCTTTATAGGGCCGGCGCGGTGGCTCACGCCCTGTAATCCCAGCAC
0 ++++++-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
0 .
0 .
0 AACGGTGAACCCCCGTCTACTAAAAATACAAAAAATTAGCCGGGCGTAGTGGCGGGCGCTGTAGTCCCAGCTACTTGGAGGCTGAGGCAGGAGAATGGGTGAAC
0 ++++++-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
0 .
0 .
0 AGCGAGACTCCGTCTCAAAAAAAAAAAAGAAAAAATCTTTATAAGTCTGGAGTCAGGACTGGC
0 ++++++-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
0 .
0 .

```

170 340 407

DO 3756 Alu_17 (presence allele):

```

5 TCTGTGTTTTGAATGTGTATTACTCTTaTCTGACAATTATAGACCTTTAAAGGTCAAGCCGGCACGGTGGCTCACGCCCTGTAATCCCAGCAC
0 ++++++-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
0 .
0 CCCCGTCTACTAAAAATACAAAAAATTAGCCGGGAGTAGTGGCGGGCGCTGTAGTCCCAGCTACTTGGAGGCTGAGGCAGGAGAATGGGTGAACC
0 ++++++-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
0 .
0 .
0 TCTAAAAAAAAAAATTAAAGGTCTTCCACTAATTTTTTAGTGCAGGAATGGTTTATAACATAGTGAATGTTAACATTGAAAGGAAAGTTACAGCTTACATTC
0 ++++++-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
0 .
0 .

```

170 340 465

DO 1911 Alu_22 (presence allele, amplification with internal Alu primer):

```

5 CGGTTGGKTTCAATGTCCTTAAAAATAGCAGGATAATTTCACSTGATTCTATAAATAAATCAAATTGAAGGCTGGCGCGGTGGCTCACGCCKGTAATCCCAGCAC
0 ++++++-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
0 .
0 .

```

165

DO 3750 Alu_22 (presence allele, amplification with internal Alu primer):

```

5 CGGTTGGTTCAATGTCCTTAAAAATAGCATGATAATTTCACCTAATTCTATAAATAAATCAAATTGAAGGCTGGCGCGGTGGCTCACGCCCTGTAATCCCAGCAC
0 ++++++-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
0 .
0 .

```

165